

01/16/01  
JC974 U.S. PTO

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PTO/SB/05 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new non-provisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	TI-31019
	First Named Inventor	Mati Amit
	Title	CMTS Architecture Based on Ethernet Interface Locatable in a Fiber Node
	Express Mail Label No.	EL651154501US

JC490 U.S. PTO  
09/761557  
01/16/01

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27</small></p> <p>3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages <input type="text" value="23"/></span> <small>(preferred arrangement set forth below)</small><ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul></p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets <input type="text" value="3"/></span></p> <p>5. Oath or Declaration <span style="float: right;">[Total Pages <input type="text" value="1"/></span><ul style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li><li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/division with Box 17 completed)</small><ul style="list-style-type: none"><li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(h).</small></li></ul></li></ul></p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>	<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li><li>b. Specification Sequence Listing on:<ul style="list-style-type: none"><li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li><li>ii. <input type="checkbox"/> paper</li></ul></li><li>c. <input type="checkbox"/> Statements verifying identity of above copies</li></ul></p>
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<b>ACCOMPANYING APPLICATIONS PARTS</b>	
9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small>	
11. <input type="checkbox"/> English Translation Document (if applicable)	
12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
13. <input type="checkbox"/> Preliminary Amendment	
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>	
15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>	
16. <input type="checkbox"/> Other:	

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

<b>18. CORRESPONDENCE ADDRESS</b>	
<input type="checkbox"/> Customer Number or Bar Code Label	<input type="checkbox"/> Correspondence address below

Name	J. Dennis Moore				
Address	Texas Instruments Incorporated P.O. Box 655474				
City	Dallas	State	Texas	Zip Code	75265
Country	US	Telephone	(972) 917-5646	Fax	(972) 917-4418

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to compete this form should be sent to the Chief Information Office, patent and Trademark office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington DC 20231.

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

**Complete if Known**

<b>TOTAL AMOUNT OF PAYMENT</b>		<b>(\$)</b> 938.00	<b>Application Number</b>	TBD
			<b>Filing Date</b>	Herewith
			<b>First Named Inventor</b>	Amit
			<b>Examiner Name</b>	TBD
			<b>Group Art Unit</b>	TBD
			<b>Attorney Docket No.</b>	TI-31019

**METHOD OF PAYMENT**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 20-0668

Deposit Account Name: Texas Instruments Incorporated

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed

☐ Check ☐ Credit Card ☐ Money Order ☐ Other

**FEE CALCULATION (continued)**

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ 40.00)

**FEE CALCULATION**

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

**SUBTOTAL (1)** (\$ 710.00)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
26	6	18	108.00
Independent Claims	4	1	80.00
Multiple Dependent			

Large Entity Fee Code Fee (\$)

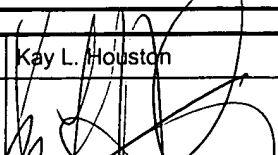
Small Entity Fee Code Fee (\$)

Fee Description

103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	80	209	40	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2)** (\$ 188.00)

\*\*or number previously paid, if greater; For Reissues, see above

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (print/type)	Kay L. Houston	Registration No. (Attorney/Agent)	38,495
Signature		Telephone	(972) 401-9786
		Date	January 16, 2001

Art Unit: TBD

Examiner: TBD

Docket: TI-31019

For: CMTS Architecture Based on Ethernet Interface Locatable in a Fiber Node

## **Certificate of Mailing via Express Mail**

**EXPRESS MAIL** mailing label number: EL651154501US

Date of Deposit: January 16, 2001

I hereby certify that the following documents, which are enclosed, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: BOX: Patent, Assistant Commissioner for Patents, Washington, DC 20231:

- Utility Patent Application Transmittal (1 page)
- Information Disclosure Statement and 1449 (2 pages)
  - Attached documents (14 pages)
- Complete Copy of Patent Application (26 pages), to include:
  - Specification (23 pages)
  - Drawings (3 pages)
- Declaration and Power of Attorney (1 page)
- Assignment Recordation Form Cover Sheet (1 page)
- Assignment (1 page)
- Fee Transmittal: Original and 1 Duplicate (2 pages)
- Return Postcard (2 cards)

Respectfully submitted,

Karen Fabritius

Karen Fabritiis

**Slater & Matsil, L.L.P.**  
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(972) 401-9786 (telephone)  
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**SECRET**